



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8734

|                             |                                       |              |                        |                                      |
|-----------------------------|---------------------------------------|--------------|------------------------|--------------------------------------|
| SERIAL NUMBER<br>10/677,260 | FILING DATE<br>10/03/2003<br><br>RULE | CLASS<br>257 | GROUP ART UNIT<br>2818 | ATTORNEY<br>DOCKET NO.<br>243492US2S |
|-----------------------------|---------------------------------------|--------------|------------------------|--------------------------------------|

APPLICANTS

Masahiro Tanaka, Yokohama-shi, JAPAN; *TTN*

Shinichi Umekawa, Sagami-hara-shi, JAPAN;  
 Tadashi Matsuda, Yokohama-shi, JAPAN; Masakazu Yamaguchi, Kawasaki-shi, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\* *TTN*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN 2003-147922 05/26/2003 *TTN*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 01/23/2004

|                                                                                                                                                     |                              |                         |                       |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|-----------------------|----------------------------|
| Foreign Priority claimed<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no                                                     | STATE OR<br>COUNTRY<br>JAPAN | SHEETS<br>DRAWING<br>11 | TOTAL<br>CLAIMS<br>20 | INDEPENDENT<br>CLAIMS<br>2 |
| 35 USC 119 (a-d) conditions met<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance |                              |                         |                       |                            |
| Verified and Acknowledged<br><i>[Signature]</i><br>Examiner's Signature                                                                             | <i>TTN</i><br>Initials       |                         |                       |                            |

ADDRESS  
 22850  
 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
 1940 DUKE STREET  
 ALEXANDRIA, VA  
 22314

TITLE  
 Power semiconductor device

|                            |                                                                                                                   |                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| FILING FEE<br><br>RECEIVED | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees                                                                               |
|                            |                                                                                                                   | <input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) |